spex certiprep

Catalog Number: MPK-TFAA-5PK
Description: Trifluoroacetic Acid for HPLC
Matrix: NEAT

Lot No. AA210618021

Ship Date: June 18, 2021
Expiration Date: June 18, 2022

The **SpexOrganics®** Mobile Phase Modifier is intended to optimize the performance of the mobile phase in your Organic Chromatography applications such as LC and LCMS.

Compounds:

Compound	CAS #	Labeled	Measured	Uncertainty
Trifluoroacetic acid	76-05-1	Neat	95.8%	± 0.5 %

Trace Metallic Impurities via ICP-MS Analysis:

Element	µg/mL	Element	µg/mL
Aluminum	≤ 1	Lithium	≤ 1
Barium	≤ 1	Magnesium	≤ 1
Calcium	≤ 1	Strontium	≤ 1
Iron	≤ 1		

Final Solution Verification:

Classical titration with Sodium Hydroxide using Phenolphthalein as an indicator. Sodium Hydroxide standardized against Potassium Biphthalate NIST SRM #84L.

This modifier is accurate to within the uncertainty listed for the measured value. This includes uncertainty components due to preparation, short term and long term stability. During the stated period of validity, the purchaser will be notified if this product is recalled due to any significant changes in the stability of the solution. For further information, contact the Sales Support Department at USMet-CRMSales@antylia.com.

Date of Certification: _____ Certifying Office: _____

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Storage Requirements:
To ensure the stability of the product once it arrives in your laboratory, please store this product in a refrigerator (3 °C to 6 °C). Note: Shipping conditions may differ from storage conditions. The EXPIRATION DATE is calculated from the SHIPPED DATE using our stability data and is applicable only if the product is stored under the laboratory specified conditions.

Instructions for Use:
Let material come to room temperature before use. A clear appearance is acceptable. Follow standard safety procedures for opening the ampule and handling the material. The contents of 1 ampule should be added to one Liter of mobile phase. Discard the empty glass parts of this product safely.

Material Source:
All raw materials are obtained by Spex CertiPrep from pre-qualified vendors. Vendor identifications are proprietary, however sources of all materials used in the preparation and testing of Spex CertiPrep products are tracked and documented. For assistance, please contact sales support at USMet-CRMSales@spex.com.

Method of Preparation:
Clean laboratory procedures and techniques have been used throughout the preparation. All materials, equipment, and analytical instrumentation have been qualified prior to use. The highest purity solvents and Class A/calibrated volumetrics have been used in all preparations.

Legal Notice:
Spex CertiPrep products are not for any cosmetic, drug, or household application and are to be used only by qualified individuals who are trained in appropriate procedures. No claims again Spex CertiPrep of any kind whatsoever, whether based on breach of warranty, alleged negligence, or otherwise, with respect to this product shall be greater than the purchase price. In no event shall Spex CertiPrep be liable for any loss of profits or any incidental, special, or consequential damages.